

10/525178

1

## SEQUENCE LISTING

DT01 Rec'd PCT/PTO 22 FEB 2005

&lt;110&gt;Yissum Research Development Company of the Hebrew

<120>COMPOSITIONS AND METHODS FOR TREATMENT AND PROPHYLAXIS  
OF INFECTIONS CAUSED BY GRAM POSITIVE BACTERIA

&lt;130&gt;14975/WO/02.

&lt;140&gt;

&lt;141&gt;

32 &lt;160&gt;

&lt;170&gt;PatentIn Ver. 2.1

1 &lt;210&gt;

19 &lt;211&gt;

&lt;212&gt;DNA

&lt;213&gt;Artificial Sequence

&lt;220&gt;

<223>Description of Artificial Sequence:m13/puc  
sequence primer (-20)

1 &lt;400&gt;

gtaaaaaacg acggccagt

19

2 &lt;210&gt;

16 &lt;211&gt;

&lt;212&gt;DNA

&lt;213&gt;Artificial Sequence

&lt;220&gt;

<223>Description of Artificial Sequence:M13/pUC reverse  
sequencing primer (-21) forward primer for tag  
amplification

2 &lt;400&gt;

aacagctatg accatg

16

3 &lt;210&gt;

20 &lt;211&gt;

&lt;212&gt;DNA

&lt;213&gt;Artificial Sequence

&lt;220&gt;

<223>Description of Artificial Sequence:Reverse primer  
for tag amplification

3 &lt;400&gt;

agcagttcgt agttatcttg

20

4 &lt;210&gt;

19 &lt;211&gt;

<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence:Inverse PCR  
primer from IRr

4 <400>  
ttatcagcaa taaaccagc

19

5 <210>  
18 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence:Inverse primer  
from IRI

5 <400>  
aaagtcctcc tgggtatg

18

6 <210>  
20 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence:InversePCR  
primer from 3' of silE

6 <400>  
tttggcagct ttgacgatgc

20

7 <210>  
20 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence:Inverse PCR  
primer from 5' of silA

7 <400>  
tcttcaagca gctgattggg

20

8 <210>  
23 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: 2598-2620 in  
sil

8 <400>  
ggagttgggtt tatcaaagt cag

23

9 <210>  
23 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: 3213-3235 in  
sil

9 <400>  
atctgccaca aagactgac aag

23

10 <210>  
21 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: 2013-2033 in  
sil

10 <400>  
ttattggac ggaacttac c

21

11 <210>  
21 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: 3554-3574 in  
sil

11 <400>  
tgcttcccaa caacttacca c

21

12 <210>  
22 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: 2088-2109 in  
sil

12 <400>  
gctcgctata gtaagcaaat cg

22

13 <210>  
18 <211>  
<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 5871-5888 in  
sil

13 <400>

cagcgattaa gcattgac

18

14 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 1616-1634 in  
sil

14 <400>

acgaaagggtc aatgggtcac

20

15 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 2338-2357 in  
sil

15 <400>

aggatatggat aagcggtgag

20

16 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 3873-3894 in  
sil

16 <400>

atgacacttg ttacacgtcc

20

17 <210>

22 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 3873-3894

17 <400>

actagtcagc ttgacgaact tc

22

18 <210>  
19 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: emm typing  
forward primer

18 <400>  
tattcgctta gaaaattaa

19

19 <210>  
20 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: emm typing  
reverse primer

19 <400>  
gcaagttctt cagcttggtt

20

20 <210>  
28 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: aad9 forward  
primer

20 <400>  
ccatggctct cgagctctag atcttaag

28

21 <210>  
25 <211>  
<212>DNA  
<213>Artificial Sequence

<220>  
<223>Description of Artificial Sequence: aad9 reverse  
primer

21 <400>  
ctgcaggcgc ttaccaatta gaatg

25

22 <210>  
24 <211>  
<212>DNA  
<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 6873-6896 in  
JS95 sil, 5096-5119 in M1

22 <400>

tcgatatgga gataaagaaa ctgg

24

23 <210>

22 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 6804-6825 in  
M1 section 36

23 <400>

aacagtgcct tcaggaactc ct

22

24 <210>

22 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 10031-10052 in  
M1 section 36

24 <400>

ctaggtgcaa ttgaggagtc aa

22

25 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 20-43 in JS95  
sil, 7287-7306 section 152 in M1

25 <400>

tcctcgact gttccaatag

20

26 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 3580-3599 in  
M1 section 36

26 <400>

aggtggtgtt ggagcaggtg

20

27 <210>

21 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 1545-1565 in  
M1 section 36

27 <400>

aagaagtggg cccaatttct g

21

28 <210>

30 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: Forward all M  
primer with BamHI site

28 <400>

cctgaaaatg aggatccttc ctaaaaaacg

30

29 <210>

32 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: Reverse all M  
primer with PstI site

29 <400>

gggggctgca gagcttagtt ttcttctttg cg

32

30 <210>

20 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: 3' of mga

30 <400>

gattccagaa gcgattattg

20

31 <210>

21 <211>

<212>DNA

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: Leader peptide  
region of scpA

31 <400>

aatggcaagt ttatcaaagtg g

21

32 <210>

17 <211>

<212>PRT

<213>Artificial Sequence

<220>

<223>Description of Artificial Sequence: SilCR peptide

32 <400>

Asp Ile Phe Lys Leu Val Ile Asp His Ile Ser Met Lys Ala Arg Lys  
15 10 5 1

Lys